Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 05 Sep 2022 until 23:59 on Tuesday 06 Sep 2022

Forecast Issued on Sunday 04 Sep 2022 at 15:12

Confidence: High for an unsettled period, with each day seeing spells of sunshine, but also occasional showers. Also high for more organised, heavy and blustery bands of rain and showers to move northwards Monday and Tuesday, but low confidence with timings and the occurrence of any lightning and thunder. Confidence in any detail becomes very low by Wednesday.

Headline for Monday 05 Sep 2022: Mostly fine, with just the odd heavy shower possible for much of the day. Wetter during the early hours however, and again later in the afternoon and evening, with thunderstorms possible.

Mountain weather hazards on Monday 05 Sep 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Thunderstorm	Light rain showers (night)
Precipitation probability							
30%	70%	20%	20%	30%	30%	60%	30%

Forecast for Monday 05 Sep 2022

Weather: Further showers during the early hours, likely heavy and blustery but soon clearing north. Low chance thunder and brief hail. A largely fine and warm autumn day follows, with early cloud breaking to warm sunny periods. Most hills staying dry, although the odd early afternoon heavy shower possible. Cloud thickening again during the late afternoon and evening, with another band of showers and thunderstorms spreading north.

Chance of cloud-free hill tops above 600m: 80%, but falling to 60% late afternoon and evening.

Low cloud and visibility: Cloud largely above hills, but some patches potentially obscuring routes above 500m during any heavy showers. More widespread cloud at 600m spreading northeast late afternoon and evening. Outside of cloud, some good to very good views to be expected, with distant hills visible. Views becoming poor to very poor with any heavy showers that occur.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 05 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/28 SE	24/33 SE	15/22 SE	13/18 S	15/21 S	17/24 S	15/23 SE	15/24 S	15/21 SE
300	17/28 SE	20/30 SE	12/21 SE	11/16 S	13/19 S	16/23 S	12/21 SE	12/20 SE	11/19 SE
Valley	11/26 SE	12/28 SE	8/19 SE	8/15 S	10/18 S	12/23 S	9/21 SE	8/19 SE	7/18 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/12	13/9	13/11	14/12	17/14	18/15	18/15	16/13	14/12
300	17/14	16/12	15/13	17/15	20/17	21/18	20/18	17/15	16/14
Valley	17/16	16/14	16/15	18/17	21/19	22/20	21/19	18/17	16/16
Freezing Level*	2700m	3000m	2600m	2300m	2400m	2600m	2800m	2900m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor conditions at the start and end of the day, but otherwise generally excellent conditions on the hills, with most seeing plenty of dry and warm weather. This will lead to some Moderate UV levels. Heavy showers, and potentially thunderstorms are possible, especially towards the end of the day, so waterproofs needed, and also being ready to descend off high ground and exposed points should they occur. Perhaps a good day to finish a little early.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 04 Sep 2022	0mm	0mm	0mm

Forecast for Tuesday 06 Sep 2022

Weather: Dry with clear spells overnight. Sunny intervals follow during the morning, however cloud will build through the day with further, heavy and potentially thundery showers developing. These likely accompanied by some gusty winds, with a risk of hail. Showers only gradually easing during the evening.

Maximum wind: Southeasterly 15mph gusting 25mph, perhaps 30-35mph near showers.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Patchy cloud above 500m during any heavier showers. Otherwise some good to very good views to be expected, with distant hills visible. Views becoming poor to very poor with any heavy showers that occur.

Temperature: **Valleys:** Plus 14 Celsius becoming Plus 25 Celsius
At 600m: Plus 13 Celsius becoming Plus 16 Celsius
Freezing level: Above summits.

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